

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A method for high quality voice communication over an IP network, the method implemented using an IP network device, comprising the steps of:

- a) transmitting a path message for a voice communication, the path message configured for establishing a communications path through an IP network;
- b) receiving a reservation message in response to the path message, the reservation message including a source port range specifying a range of voice streams for a bandwidth reservation; and
- c) implementing the bandwidth reservation for the range of voice streams in accordance with the reservation message.

2. (original) The method of Claim 1 wherein the path message is transmitted from an originating IP network device.

3. (original) The method of Claim 1 wherein the reservation message is transmitted from a terminating IP network device.

4. (original) The method of Claim 1 further including the step of generating the path message using a voice application executing on an originating IP network device.

5. (original) The method of Claim 1 further including the step of receiving the reservation message from a terminating IP network device, the reservation message generated by the terminating IP network device.

6. (original) The method of Claim 1 further including the steps of: updating a bandwidth reservation table in accordance with the reservation message; and reserving bandwidth for transmission of the range of voice streams using the reservation table.

7. (original) The method of Claim 6 wherein the reservation table is a filter specification table in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

8. (original) The method of Claim 6 wherein the reservation message is a filter specification object in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

9. (cancelled)

10. (currently amended) An IP network apparatus for implementing high quality voice communication over an IP network, comprising:

- a) means for transmitting a path message for a voice communication, the path message configured for establishing a communications path through an IP network;
- b) means for receiving a reservation message in response to the path message, the reservation message including a source port range specifying a range of voice streams for a bandwidth reservation; and
- c) means for implementing the bandwidth reservation for the range of voice streams in accordance with the reservation message.

11. (original) The apparatus of Claim 10 wherein the path message is transmitted from an originating IP network device.

12. (original) The apparatus of Claim 10 wherein the reservation message is transmitted from a terminating IP network device.

13. (original) The apparatus of Claim 10 further including a means for generating the path message using an application executing on an originating IP network device.

14. (original) The apparatus of Claim 10 further including a means for receiving the reservation message from a terminating IP network device, the reservation message generated by the terminating IP network device.

15. (original) The apparatus of Claim 10 further including means for updating a bandwidth reservation table in accordance with the reservation message, and means for reserving bandwidth for transmission of the range of voice streams using the reservation table.

16. (original) The apparatus of Claim 15 wherein the reservation table is a filter specification table in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

17. (original) The apparatus of Claim 16 wherein the reservation message is a filter specification object in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

18. (cancelled)

19. (currently amended) A computer readable medium having stored thereon computer readable instructions, which when executed by a computer system of an IP network device cause the computer system to

implement a method for high quality voice communication over an IP network, the method comprising the steps of:

- a) transmitting a path message for a voice communication, the path message configured for establishing a communications path through an IP network;
- b) receiving a reservation message in response to the path message, the reservation message including a source port range specifying a range of voice streams for a bandwidth reservation; and
- c) implementing the bandwidth reservation for the range of voice streams in accordance with the reservation message.

20. (original) The method of Claim 19 wherein the path message is transmitted from an originating IP network device.

21. (original) The method of Claim 19 wherein the reservation message is transmitted from a terminating IP network device.

22. (original) The method of Claim 19 further including the step of generating the path message using a voice application executing on an originating IP network device.

23. (original) The method of Claim 19 further including the step of receiving the reservation message from a terminating IP network device, the reservation message generated by the terminating IP network device.

24. (original) The method of Claim 19 further including the steps of:

    updating a bandwidth reservation table in accordance with the reservation message; and

    reserving bandwidth for transmission of the range of voice streams using the reservation table.

25. (original) The method of Claim 24 wherein the reservation table is a filter specification table in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

26. (original) The method of Claim 24 wherein the reservation message is a filter specification object in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

27. (cancelled)

28. (currently amended) An IP network device for providing high quality voice communication over an IP network, the device including a

computer system for executing computer readable instructions, which when executed by the computer system cause the IP network device to implement the steps of:

- a) transmitting a path message for a voice communication, the path message configured for establishing a communications path through an IP network;
- b) receiving a reservation message in response to the path message, the reservation message including a source port range specifying a range of voice streams for a bandwidth reservation; and
- c) implementing the bandwidth reservation for the range of voice streams in accordance with the reservation message.

29. (original) The IP network device of Claim 28 wherein the IP network device is an originating IP network device and the path message is transmitted therefrom.

30. (original) The IP network device of Claim 28 wherein the IP network device is a terminating IP network device and is configured to transmit the reservation message in response to a received path message.

31. (original) The IP network device of Claim 28 wherein a voice application executing on the computer system generates the path message.

32. (original) The IP network device of Claim 28 wherein the reservation message is received from a terminating IP network device, the reservation message generated by the terminating IP network device.

33. (original) The IP network device of Claim 28 wherein the bandwidth reservation table is updated in accordance with the reservation message, and wherein bandwidth for transmission of the range of voice streams is reserved using the reservation table.

34. (original) The IP network device of Claim 33 wherein the reservation table is a filter specification table in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

35. (original) The IP network device of Claim 33 wherein the reservation message is a filter specification object in accordance with a version of the RSVP (Resource Reservation Protocol) specification.

36. (cancelled)